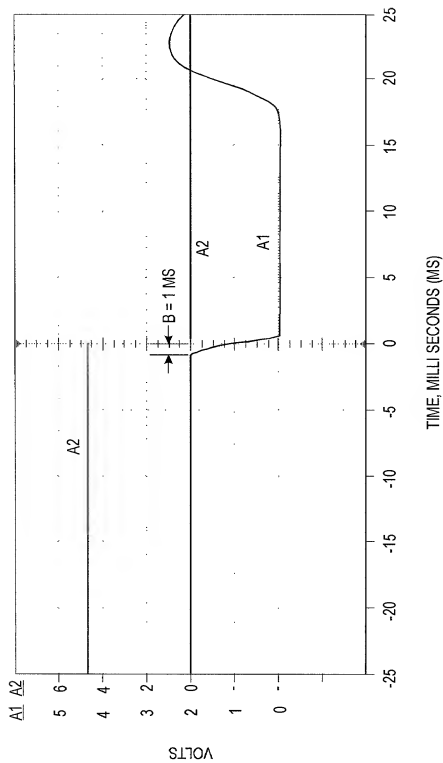


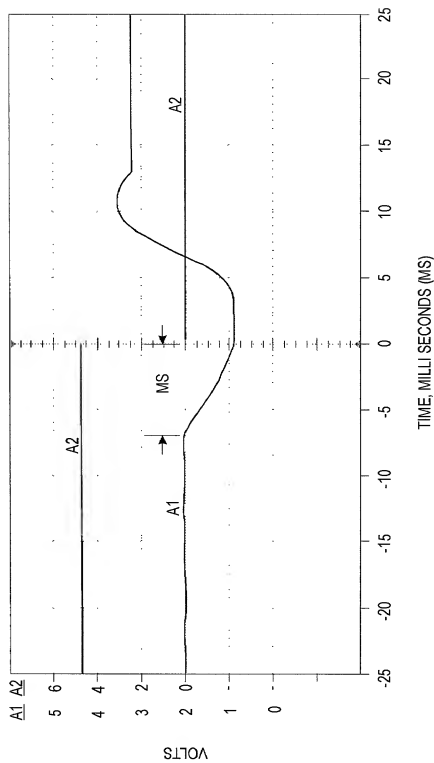
A1 - VOLTAGE PRODUCED FROM VERTICAL CONTACT BY CAPILLARY WITH  
 A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1  
 A2 - SWITCHING VOLTAGE SHOWN SCALE A2

FIG. 1



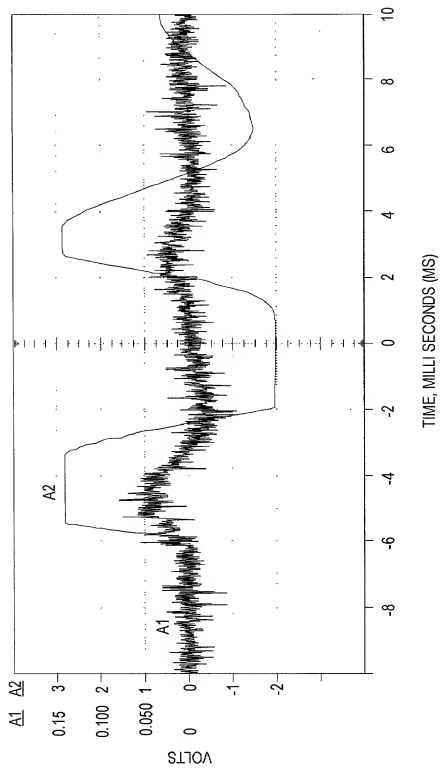
A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY  
WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1  
A2 - SWITCHING VOLTAGE SHOWN SCALE A2

**FIG. 2**



A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY  
 WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1  
 A2 - SWITCHING VOLTAGE SHOWN SCALE A2

**FIG. 3**



A1 - UNDAMPED VOLTAGE PRODUCED BY CAPILLARY  
A2 - AMPLIFIED VOLTAGE PRODUCED BY CAPILLARY  
CONTACTING A SOLID SURFACE

**FIG. 4**

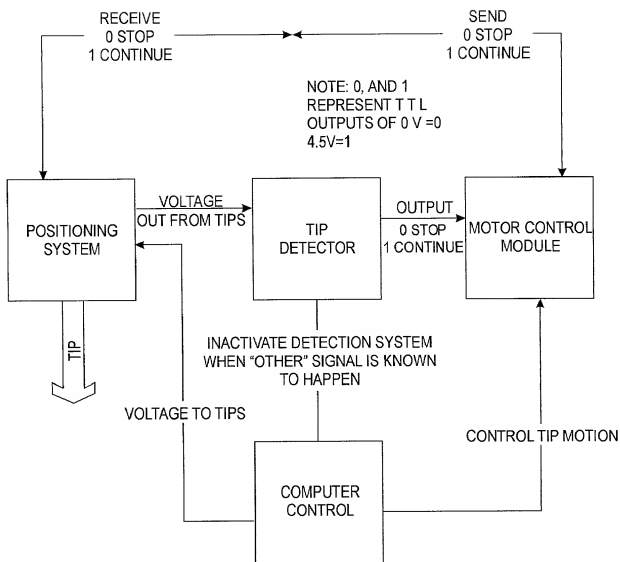


FIG. 5